

Addition and Subtraction of Complex Numbers WS #4

Simplify.

1) $(13 + 7i) + (4 + 9i)$	2) $(11 + 5i) + (5 - 14i)$
3) $(7 - 4i) + (6 + 11i)$	4) $(19 + 8i) - (5 + 17i)$
5) $(14 - 9i) - (8 + 3i)$	6) $(7 - 9i) - (12 - 5i)$
7) $(11 + \sqrt{-144}) + (6 + \sqrt{-49})$	8) $(7 - \sqrt{-9}) + (4 + \sqrt{-16})$
9) $(5 + \sqrt{-121}) - (9 + \sqrt{-64})$	10) $(9 - \sqrt{-81}) - (13 + \sqrt{-36})$
11) $(8 + \sqrt{-27}) + (5 + \sqrt{-48})$	12) $(6 + \sqrt{-45}) + (5 - \sqrt{-20})$
13) $(11 - \sqrt{-50}) + (5 - \sqrt{-72})$	14) $(5 + \sqrt{-54}) - (4 + \sqrt{-150})$
15) $(4 - \sqrt{-108}) - (-8 + \sqrt{-75})$	16) $(7 - \sqrt{-32}) - (15 - \sqrt{-98})$
17) $ 6 + 3i $	18) $ 4 - 2i $